

# **MBNMS Permit Activity Report**

**March 27, 2003**

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2002-039**

**Dr. Marcia McNutt**

**Monterey Bay Aquarium Research Institute**

**Installation of an advanced cabled observatory in the monterey bay canyon**

*Permit Period:* Starts: 11/1/2004; no end date    *Activity:* Alteration of, or construction or placement on, the seabed.  
*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit review

*App.status:* additional information requested

*Location:* Monterey Submarine Canyon

*Summary:* the MARS ( Monterey Accelerated Research System) cabled observatory will include one science node on 62 km of submarine cable. Details on proposed cable installation method pending.

*Abstract:* this project proposes to install an advanced cabled observatory in order to provide a remote, continuous, ong-term, large-bandwidth infrastructure for multidisciplinart, in-situ exploration, observation, and experimentaion in the deep sea. This system will have the ability to operate over a 30-year lifetime.

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**MBNMS-2003-004**

**Mark Monte**

**Monte Foundation**

**Monte Foundation Annual Fireworks**

*Permit Period:* Starts: 9/20/2003; no end date    *Activity:* Discharge or deposit (within the Sanctuary).  
*Type Of Permit:* Authorization of other agency permits

*Permit Status:* review

*App.status:* additional information requested

*Location:* Seacliff State Beach

*Summary:* more info needed

*Abstract:*

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2003-007**

**Cascade Sorte  
UCSB**

### **Intertidal monitoring at Piedras Blancas and Sobranes Point**

*Permit Period:* Starts: 3/17/2003; no end date    *Activity:* Alteration of, or construction or placement on, the seabed.  
*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit issued

*App.status:* application received

*Location:* Piedras Blancas and Sobranes Point

*Summary:* Environmental stress, molecular physiology and biogeography of intertidal whelks

*Abstract:* to deploy temperature dataloggers (6 loggers / site) in 3 adjacent pairs, each including a crevice and flat location, at a 4.4 tidal height. The data loggers, metal discs about 1/2 inch in diameter, will be connected to 2"x1/2" plastic holders and will be anchored to the rock by stainless steel screw. data loggers will record temperatures over 3 months.

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**MBNMS-2003-008**

**Paul Greenway  
Monterey county**

### **Sandholdt Road Bridge Replacement**

*Permit Period:* No permit dates entered    *Activity:* Activity not prohibited.

*Type Of Permit:*

*Permit Status:* no permit required

*App.status:* application received

*Location:* Sandholdt bridge, Moss Landing

*Summary:* to improve the seismic safety of the Sandholdt Road Bridge crossing over moss Landing Slough

*Abstract:*

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MBNMS-2003-009**

**Bowman & Williams**

### **2 seawalls along Opal Cliff Drive in Santa Cruz**

*Permit Period:* No permit dates entered      *Activity:* Discharge or deposit (within the  
*Type Of Permit:* Authorization of other agency      Sanctuary).  
permits      Alteration of, or construction or placement

*Permit Status:* permit review

*App.status:*

*Location:* 4540 & 4760 Opal Cliffs Drive

*Summary:* additional information required

*Abstract:*

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**MBNMS-2003-010**

**Monowitz**

**California Coastal Commision**

### **authorization of CCC's emergency permit 3-03-003-G for seawall repair at Pajaro Dunes South**

*Permit Period:* 2/3/2003 to 11/1/2003      *Activity:* Discharge or deposit (within the  
*Type Of Permit:* Authorization of other agency      Sanctuary).  
permits      Alteration of, or construction or placement

*Permit Status:* application review complete

*App.status:*

*Location:* pajaro dunes colony

*Summary:* to place approximately 230 tons of rock within the existing footprint and profile of the revetment, and to place an additional 475 tons of rip-rap as a revetment toe buttress on Sunset State Beach. The buttress on Sunset State Beach is outside of the existing revetment and extends it seaward.

*Abstract:* Rock that is located outside of the previously permitted revetment footprint and profile shall be removed in its entirety between October 15, 2003 and November 1, 2003

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

### **Multi-2002-003**

**Dr. Karin Forney  
NOAA Fisheries**

#### **aerial surveys**

*Permit Period:* 3/24/2003 to 1/15/2008      *Activity:* Overflights below 1,000 feet in restricted areas.  
*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* MBNMS permit issued      *App.status:* application complete

*Location:* along the coast within GF, CI & MBNMS

*Summary:* aerial surveys and photogrammetry flights at 500-1000 feet altitude within the CI,GF & MBNMS

*Abstract:* this permit is institutional in nature and covers all of the overflight projects from NOAA's Southwest Fisheries Science Center, La Jolla

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### **MULTI-2003-001**

**EPA**

#### **Assessment of Benthic Condition of the Continental Shelf of the US West Coast**

*Permit Period:* Starts: 6/21/2003; no end date      *Activity:* Alteration of, or construction or placement on, the seabed.  
*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:*      *App.status:*

*Location:* along the west coast

*Summary:* in California, 50 stations will be partitioned into two groups consisting of 30 stations randomly selected within the CBNMS, GFNMS, MBNMS, & CINMS.  
In Oregon.....

*Abstract:* the environmental condition indicators that will be sampled in this study include measures of 1) general habitat condition, 2) water quality indicators 3) pollutant exposure indicators 4) benthic condition indicators

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## Monterey Bay National Marine Sanctuary Permits and Authorizations

**MULTI-2003-002**

**Larry Hufnagle  
NOAA Fisheries**

**US-Canada Joint Pacific Hake Echo Integration Trawl Survey & the 2003 West Coast Slope and Shelf Survey**

*Permit Period:* Starts: 6/24/2003; no end date    *Activity:* Alteration of, or construction or placement on, the seabed.

*Type Of Permit:* Research related to Sanctuary resources and qualities

*Permit Status:* permit review

*App.status:*

*Location:* within OCNMS, CBNMS, GFNMS, MBNMS, & CINMS

*Summary:* a groundfish trawl survey along the continental shelf and slope & a hake survey, which will be mostly in midwaer

*Abstract:* additional info requested

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